

CPC**COOPERATIVE PATENT CLASSIFICATION****G10C****PIANOS, HARPSICHORDS, SPINETTS OR SIMILAR STRINGED MUSICAL INSTRUMENTS WITH ONE OR MORE KEYBOARD**

(non-musical aspects of toy pianos [A63H 5/00](#); aspects of automatic actuation [G10F](#); combinations of microphones, pick-ups or amplifiers with musical instruments [G10H](#))

G10C 1/00**General design**[G10C 1/02](#)

- . of upright pianofortes

[G10C 1/04](#)

- . of grand pianofortes

[G10C 1/06](#)

- . of cembaloos, spinets, or similar stringed instruments [{\(keyboard-operated zithers \[G10D 3/085\]\(#\)\)}](#)

G10C 3/00**Details or accessories**[G10C 3/02](#)

- . Cases

[G10C 3/04](#)

- . Frames; Bridges; Bars

[G10C 3/06](#)

- . Resonating means, e.g. resonant strings, soundboards; Fastenings of the resonating means

[G10C 3/08](#)

- . Arrangements of strings

[G10C 3/10](#)

- . Tuning pins or straining devices

[G10C 3/103](#)

- .. [{the axis of the pins being parallel to the string}](#)

[G10C 3/106](#)

- .. [{the axis of the pins being perpendicular to the string}](#)

[G10C 3/12](#)

- . Keyboards; Keys

[G10C 3/125](#)

- .. [{Materials or treatment of materials for the manufacturing of keys}](#)

[G10C 3/14](#)

- .. for actuation by the feet

[G10C 3/16](#)

- . Actions

[G10C 3/161](#)

- .. [{specially adapted for upright pianos}](#)

[G10C 3/163](#)

- ... [{the actions being mounted in a plane below the keyboard}](#)

[G10C 3/165](#)

- .. [{for plucking the strings, i.e. for instruments covered by group \[G10C 1/06\]\(#\)\(plucking mechanisms for keyboard-operated zithers \[G10D 3/085\]\(#\)\)}](#)

[G10C 3/166](#)

- .. [{for damping a string \(\[G10C 3/161\]\(#\), \[G10C 3/168\]\(#\), \[G10C 3/20\]\(#\), \[G10C 3/22\]\(#\), \[G10C 3/26\]\(#\) take precedence\)}](#)

[G10C 3/168](#)

- .. [{with a hanging jack, i.e. jack connected to hammer-butt or hammer-shank}](#)

[G10C 3/18](#)

- .. Hammers

- G10C 3/20 . . involving the use of hydraulic, pneumatic, or electromagnetic means
- G10C 3/22 . . {specially adapted} for grand pianofortes
- G10C 3/225 . . . {the actions, in particular the hammers, being mounted above the strings, i.e. hammers hitting downwards}
- G10C 3/24 . . for reciprocating of tremolo {(G10C 3/161, G10C 3/168, G10C 3/20, G10C 3/22 take precedence)}
- G10C 3/26 . Pedals or pedal mechanisms for half-blow or similar sound modifying
- G10C 3/28 . Transposing devices
- G10C 3/30 . Couplers, e.g. for playing octaves
- G10C 5/00** **Combinations with other musical instruments, e.g. with bells or xylophones**
- G10C 5/005 . {Switching the keyboard from piano playing to playing another instrument}
- G10C 9/00** **Methods or tools specially adapted for the manufacture or maintenance of musical instruments covered by this subclass**